

Optical observations of SBS1520+530 at TUG

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Abstract

We present the light curves of the components of gravitationally lensed source SBS1520+530 in Rc band, obtained during the interval 2001-2005 with the 1.5 m Russian-Turkish Telescope RTT150 at TÜBITAK National Observatory of Turkey. The time delay of brightness fluctuations between the two components of the gravitationally double-imaged quasar corresponding to 2001-2002 period of observations is determined. Using all the available data, at least two microlensing events, one of them with long-time linear behavior and second one with duration of a few hundred days, are detected. © 2008 Springer-Verlag Berlin Heidelberg.

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